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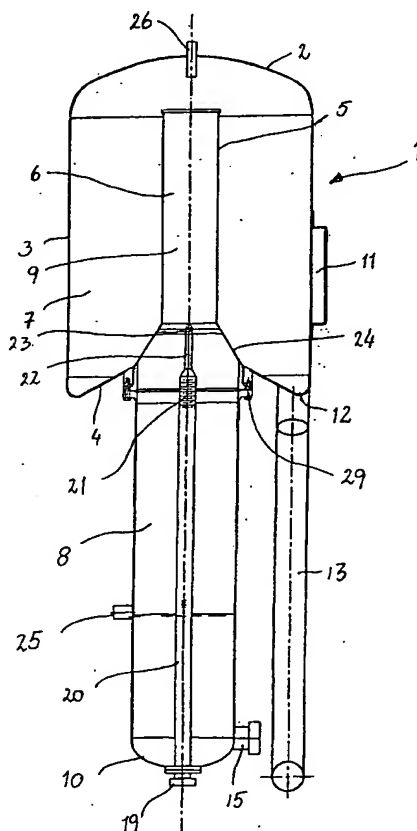
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[Continued on next page]

(54) Title: AN APPARATUS FOR THE EVAPORATIVE COOLING OF A LIQUID PRODUCT



(57) Abstract: The disclosure relates to an apparatus for the evaporative cooling of a liquid product. The apparatus comprises a vacuum chamber (1) which is divided into a first, centrally positioned space (6) and a second space (7) which concentrically surrounds the first space (6). Both of the spaces (6, 7) are open towards the upper end wall (2) of the vacuum chamber (1). The first space (6) has an outlet (25) for condensed steam. The second space (7) has an inlet (11) for steamed product, as well as an outlet (12) for the product. The apparatus also includes a circulation circuit for coolant liquid. The first space (6) is extended downwards so that it extends at least as far below the bottom end wall (4) of the vacuum chamber (1) as the extent of the space (6) inside the vacuum chamber (1).